



1713

Attorney Docket No. 11610US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

CHARLES STONE and  
ALFRED E. STECK

SERIAL NO. 09/503,760

FILED: FEBRUARY 14, 2000

FOR: GRAFT POLYMERIC MEMBRANES  
AND ION-EXCHANGE  
MEMBRANES FORMED  
THEREFROM

GROUP ART UNIT: 1713

EXAMINER: F. ZITOMER

CERTIFICATE OF MAILING

I hereby certify that this  
correspondence is being  
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States Postal Service as first  
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in an envelope addressed to:  
Assistant Commissioner for  
Patents, Washington, D.C.  
20231, on this date, March 26,  
2001.Michael B. Harlin  
Registration No. 43,658  
Attorney for ApplicantsSECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTAssistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Applicants submit herewith a copy of the following reference  
for consideration in connection with the above application.

<u>Foreign Patent No.</u>	<u>Country</u>	<u>Publication Date</u>
60-110711	Japan	06/89

The above reference is listed on the enclosed Form PTO-1449  
entitled "Information Disclosure Citation".RECEIVED  
MAR 30 2001  
FC 1700 #1304/10/2001 ASELLMAN 0000001 130017  
01 FC:122 130.00 CH

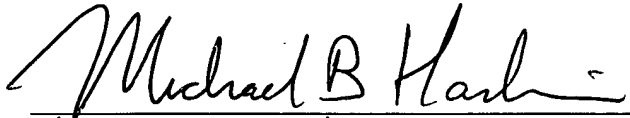
Concise Explanation of the  
Relevance of the Cited Reference(s)

Japanese Patent Publication No. 60-110685 discloses the formation of a graft-polymerized membrane for use as a diaphragm used in electrolysis of salt, fuel cells, etc. The formation involves irradiating an inert polymer film with an ionizing radiation process. The irradiated film is then immersed in a solution containing alpha,beta,beta-trifluorostyrene at a specified temperature for a specified period of time. Applicants have not obtained a full-text English language translation of the Japanese publication, but are willing to obtain and provide such a translation upon request.

In accordance with 37 CFR § 1.97(e)(2), no item of information contained in this Second Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

Please charge any fees incurred in connection with this submission to Deposit Account No. 13-0017 in the name of McAndrews, Held & Malloy, Ltd.

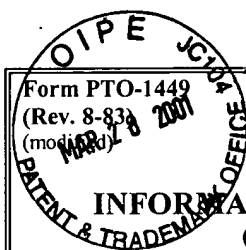
Respectfully submitted,

A handwritten signature in cursive script, reading "Michael B Harlin". The signature is written in dark ink and is positioned above a horizontal line.

Michael B. Harlin  
Reg. No. 43,658  
Attorney for Applicants

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Dated: March 26, 2001



Form PTO-1449  
(Rev. 8-83)  
(modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
11610US02

SERIAL NO.  
09/503,760

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

APPLICANT(s):

Stone et al.

FILING DATE  
February 14, 2000

GROUP ART UNIT:  
1713

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIATE

RECEIVED  
MAR 30 2001  
TC 1700

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES (abstract only)	NO
	60-110711	06/85	Japan				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED:

\*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.